## Variant types in the PBTA cohort 100% Variant\_Classification 75% Frame Shift Del Frame\_Shift\_Ins In\_Frame\_Del In\_Frame\_Ins 50% Missense\_Mutation Nonsense\_Mutation Nonstop\_Mutation Splice Site 25% Translation\_Start\_Site 0% Deceased Diagnosis Progressive Metastatic Recurrence Second Malignancy Residual

**Timepoint**